

SequenceListing
SEQUENCE LISTING

<110> SANKT-PETERBURGSKAYA OBSHESTVENNAYA ORGANIZATSIYA
"SANKT-PETERBURGSKIY INSTITUT BIOREGULYATSII I GERONTOLOGII SZO
RAMN"

<120> Tetrapeptide regulating blood glucose level in diabetes mellitus

<130> 252185

<140> US 10/580,957
<141> 2006-05-30

<150> RU 2003135605
<151> 2003-12-10

<160> 2

<170> PatentIn version 3.5

<210> 1
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<223> Tetrapeptide Lys-Glu-Asp-Trp-NH2 regulates glucose level in the
organism in diabetes mellitus by increasing insulin secretion and
tissue sensitivity to it.

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Lys Glu Asp Trp
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<210> 2
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic intermediate with double benzyloxycarbonyl protection
on Lys and benzyl ester protection on Glu and Asp

<220>
<221> MOD_RES
<222> (1)..(1)
<223> ACETYLATION

<220>
<221> MOD_RES
<222> (2)..(3)
<223> BLOCKED

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